

Emergency Response Section - Initial Pollution Incident Report (IPIR)

11/16/2010

Spill Id Number: 1010-07-2744//0

District: SE

Reported By: FARLEY WOOD	Reported: 10/01/2010 07:45
Title: EHS	Discovered: 10/01/2010 07:00
Telephone: (740) 310-0308 ext:	Occurred: 00/00/0000
Affiliation: COMPANY	Chronic: N

County: BELMONT	City/Township: WASHINGTON TWP
Did Spiller Report ? Y	Complaint ? N
Received By: HOLMES, CHRIS	Priority: 3
Local EPC ? N	Did you tell the Spiller to Call the N.R.C ? N
Business: N	SARA Report: N

Suspected Spiller: AMERICAN ENERGY CORP
Mailing Address: N/A

Telephone: (000) 000-0000 ext:

Location: SR 145 & SR 148 ONE MILE W/O OFF

Source: FIXED FACILITY - INDUSTRY - PIPING (UNDERGROUND)

Cause: DA / CUT OR BREAK

Reason: BREAK OR BROKEN

Waterways Affected: CAPTINA CREEK

Media Affected 1: SURFACE WATER/STORM

Media Affected 2:

Media Affected 3:

Product(s) Spilled

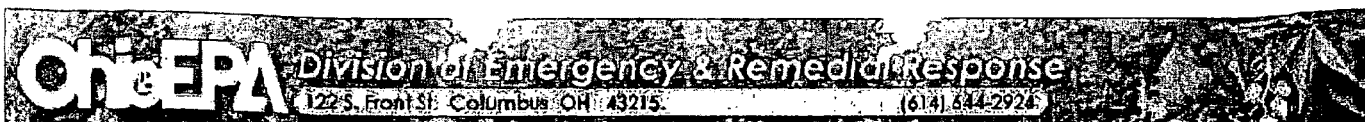
Product	Amount	UOM	RQ	Size	Type	EHS
COAL SLURRY	.0	UNK	.0	U	WC	N

Other Agencies Notified

Agency	Person	Date	Time
DSW/WW	SEDO	10/01/2010	07:50

Remark

UNK AMOUNT OF COAL SLURRY RELEASED AT ABOVE LOCATION DUE TO RUPTURED LINE. LEAK HAS BEEN SECURED. UNK AMOUNT OF MATERIAL ENTERED CAPTINA CREEK. OSC DEEVERS @ 0754.



Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Spill Status: FINAL

Date Time
Reported: 10/01/2010 07:45
Discovered: 10/01/2010 07:00
Occurred: 10/01/2010

Reported By: FARLEY WOOD

Title: EHS

Affiliation: COMPANY

Telephone: (740) 310-0308

Extension:

Spill Location Information

County: BELMONT Latitude: 39-54-37.1 N
City/TWP: WAYNE TWP. SECT. 4 Longitude: 81-01-01.9 W
Location: SOUTH OF S.R. 148 - WAYNE TWP. - SECTION 4
Waterway: CAPTINA CREEK
Length: 1.500
Land Area: SEE REMARKS

Entity Information

Name/Company: AMERICAN ENERGY CORP

Address: 4352 MAYHUGH HILL RD.

City: BEALLSVILLE

State: OH

Zip Code: 43616

Telephone: (740) 926-9152

Ext:

SPCC Plan Req:

SPCC Plan in Effect:

Entity Representatives

Name	Title	Phone	Extension
FARLEY WOOD	CO. ENV. SPEC.	(740) 926-9152	
KEVIN HUGHES	MINE SUPT.	(740) 926-9152	
DENVER BLACKSTONE	CO. ELECTRICIAN	(740) 926-9152	

Products Spilled

Product	Amount	UOM	Type
COAL SLURRY	.0	UNK	WC

Source: FIXED FACILITY - INDUSTRY - PIPING (UNDERGROUND)

Cause: DA / CUT OR BREAK

Reason: BREAK OR BROKEN

Media Affected: SURFACE WATER/STORM SEWERS
LAND OR LAND SURFACE IMPACT

Other Contacts

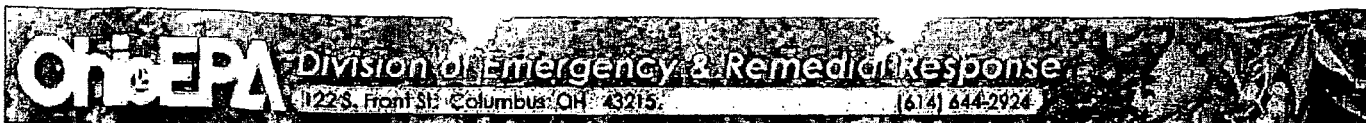
Name	Title	Phone	Extension
JOHN PUTERBAUGH	ODNR MINE INSPECTOR	(740) 439-9079	
MIKE KOSEK	ODNR DMRM MANAGER	(740) 439-9079	

Referrals

Person	Agency Name	Referral Date
ABBOT STEVENSON	DIV SURFACE WATER /WASTE WATER	10/29/2010

Supporting Documentation

Document	Document Date	Pages
SAMPLING RESULTS	11/05/2010	4



Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Spill Status: FINAL

PHOTOS/SLIDES

11/12/2010

36

Field Samples

Sample Id

Sample Description



Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEAVERS, DENNIS

Status: CONTINUING

Activity Date: 10/01/2010

Phone Followup: NO

At approximately 0740 hrs. - OSC Deavers was notified by Abbot Stevenson SEDO - DSW about a coal slurry release at the American Energy Corp. (AEC) mine located in Washington Twp., Belmont County. Stevenson advised that she had just received word from Farley Wood - AEC Environmental Specialist that a pipeline leak had occurred earlier that morning and an undetermined amount of mine slurry had entered Captina Creek. Stevenson instructed Farley to report the release to the spill hotline and indicated that SEDO - DSW personnel were assembling to discuss the report and initiate a plan of action. The OSC advised that he would meet with Stevenson and staff.

0754 hrs. - The OSC was notified by the Ohio EPA Duty Office that the release had been reported to the spill hotline.

0800 hrs. - The OSC informed Mark Stello - DERR Lead Worker about the release and meeting. SEDO staff (comprised of Stevenson, Stello, Deavers, Campbell, and Dist. Chief Butler) then assembled and a conference call to Wood was made. Wood briefed the staff on the incident and status. According to information provided, the release was discovered around 0530 hrs. when a pressure drop was detected in the slurry line. Mine personnel immediately responded and started a visual inspection of the line. The leak was discovered a short time later and the slurry line was shut down. Wood stated that a large portion of the slurry was confined in a field near the source and workers and equipment were presently on scene constructing a containment dike around the material. Wood advised that even though the line had been shut off, slurry was still gravity flowing out of it. Given present low flow stream conditions, the OSC advised Wood to initiate containment actions (construct dikes) in the creek at strategic points downstream as soon as possible. The OSC informed Wood that he was responding to the site and provided him a contact number to call the OSC while enroute if needed. Once all necessary information was exchanged, the conference call was concluded. Afterwards, response actions among the group were formulated. In addition to the OSC, DSW staff would be responding to collect stream samples and interview company personnel. Upon completing the arrangements, the OSC notified the duty office that he was responding and then called Mike Kosek ODNR DMRM- Dist. Manager about the release. Kosek advised that he and DMRM personnel would also be responding to the location.

0830 hrs. - The OSC departed the Southeast Dist. Office and travelled to the site.

1100 hrs. - Upon arrival, the OSC met up with Kosek who briefed the OSC on the status. The release of slurry into the creek had been stopped and the containment dike around the material in the field had been completed. Kosek advised that numerous ODNR Wildlife Officials were responding to investigate a probable fishkill. Mark Stemm - an attorney representing AEC (presently on scene) informed the OSC that company officials were currently meeting about the situation and upon conclusion, representatives would meet with the OSC to discuss the plan of action. Presently though, Stemm advised that dikes and straw dams were being constructed in the stream and contractors with vac trucks had been mobilized. After being briefed by Stemm, the OSC and Kosek inspected the impacted area. The release occurred in the buried line approximately .5 mile east of the AEC railcar loading terminal. Upon exiting the pipe, the slurry flowed out into the adjacent field where it accumulated and migrated southeast approximately 250 ft. to the creek. Presently, slurry was still gravity flowing out of the line. The diked area of field comprised an approximate 1/4 - 1/3 acre and a significant amount of material was confined inside. Upon viewing the upper end of the impacted section of the creek, the slurry was observed (bank to bank) completely discoloring the water in a deep pool for the first 100 - 120 yards.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/01/2010

Phone Followup: NO

At the end of the pool, a small check dam (utilizing creek bottom material) had been constructed. Immediately below the dam and for the next .25 - .5 miles downstream, a heavy buildup of slurry several inches deep existed and numerous dead and distressed fish were observed. The slurry did not significantly diminish until about 300 ft. upstream of the bridge over the creek near the Twp. Rd. 74 intersection. There the solid material phased out, but discoloration of the water continued for another 300 yards below the bridge. At that location, a straw dam established in a shallow constriction stopped the contamination. Presently, several additional straw dams were being placed upstream of the bridge and additional check dams were being constructed in the upper half of the impacted area. After inspecting and photographing the stream, the OSC returned to the source area to await the arrival of AEC personnel.

1200 hrs. - Farley Wood arrived on scene and the OSC was briefed on the plan of action. Numerous crews were enroute with vac trucks to initiate removal of the slurry. As soon as the pipe quit draining, actions to repair it would commence. A total of 8 - 10 containment dams were being established in the stream and once an access road (currently being constructed) along the creek was completed, the vac trucks would be positioned and removal efforts would commence.

1245 hrs. - SEDO - DSW personnel Abbot Stevenson, Dan Imhoff, and Dist. Chief Butler arrived on scene. Stevenson and Imhoff set about collecting samples and the OSC briefed Chief Butler on the status and plan. Shortly thereafter, vac trucks started arriving on scene. Upon arrival, the trucks were positioned in the field and along the creek in areas where heavy slurry concentration existed.

1400 hrs. - All containment sites were established. The OSC and Chief Butler then travelled a short distance to high ground where cell phone service existed so that Butler could brief agency leadership and public information personnel on the status. Afterwards, the two returned to the scene.

1500 hrs. - Repair of the slurry line commenced

1530 hrs. Stevenson and Imhoff completed their sampling. Stevenson and the OSC then interviewed Farley Wood about the incident specifics and time line.

1600 hrs. - The access road was completed.

1610 hrs. - Stevenson, Imhoff, and Butler departed the scene.

1630 - 1800 hrs. - Numerous vac trucks and work crews arrived on scene. The trucks were positioned at approximate 150 yard intervals along the impacted segment of creek and slurry removal commenced.

1830 hrs. - The slurry line was repaired.

1915 hrs. - All of the vac trucks and crews were on scene and 8 - 10 access sites were now established. Due to present inaccessibility to the upper end of the creek, the immediate plan was to work the segmented (diked) sections below the first dam until removal of the slurry in the field was completed. Once the slurry removal in the field was finished, the upper pool could then be accessed and additional vac trucks would begin removal efforts there.

1930 hrs. - The removal operation was fully established and the scene was presently secure. The work was to proceed around the clock with relief crews arriving to change shifts. At that point, the OSC deemed the situation under control for the night and he then concluded the response and departed the scene.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/02/2010

Phone Followup: NO

0900 hrs. - The OSC departed his residence and travelled back to the site.

1055 hrs. - Upon arrival, the OSC met with AEC personnel - Rick Taylor and Tom Woodward who were overseeing the removal operation that day. The OSC was advised that around the clock removal of the slurry and draw down of the pools was proceeding. The material was being pumped out from 10 - 12 access points along the creek and hauled to and placed in the nearby slurry impoundment. Powerwashing of the banks and edges of the shallower upstream pools had begun as well as removal of the slurry in the field. After being briefed, the OSC walked the impacted segment of creek. A significant amount of drawdown of the deeper pools was now visible revealing substantial amounts of slurry covering the entire bottom of the creekbed. Crews were presently working the segmented (diked) pools by agitating the water and vaccing the material from the deeper center points. As stated, powerwash units were positioned and flushing of the creekbanks and exposed riparian areas were underway at the upper end of the impacted segment. Upon arriving at the field, the OSC observed dumptrucks and a trackhoe presently being utilized to remove the slurry from the west end. Simultaneously, vac trucks were removing the slurry from the opposite end (near the creek) where the slurry accumulation was still 2 - 3 ft. deep. After viewing the ongoing removal actions, the OSC concluded that the present operations on both the creek and field appeared adequate. The OSC spent the rest of the time on scene that day overseeing the removal work.

1430 hrs. The OSC again met with Taylor and Woodward to discuss the plan of action for the next 24 - 36 hrs. Given the excessive amount of slurry in the creek, the agreed upon plan was to continue with the present around the clock operation. Rain was being forecasted for the next day and the OSC advised that some of the check dams be reinforced along with the construction of a backup dam at the final containment site. Woodward advised that he would have AEC personnel re-work the dams.

1500 hrs. - The OSC concluded the response and departed the site for the day.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/03/2010

Phone Followup: NO

0900 hrs. - The OSC departed his residence and travelled back to the site. Upon arrival at 1100 hrs., the OSC met with Woodward who briefed the OSC on the status. Excavation/removal of the slurry in the field was about 50% complete. The upper 1/3 of the stream segment (below the pool), was now vastly free of slurry. The check dams had been reinforced and a backup check dam had been constructed below the final containment. Crews were presently concentrating on the middle section working their way downstream. After talking to Woodward, the OSC walked the impacted creek segment. As stated, good visible definition of the stream bottom could now be seen in the upper section (approximately 150 yards) of the creek. Some rain showers had occurred overnight and water was now backing up behind the upper 2 check dams.

1200 hrs. - Farley Wood arrived on scene and the OSC discussed the status and present situation regarding the water buildup. Given that the draw down of the middle section was to the point where additional water was now needed for flushing slurry to the collection points, It was agreed to partially breach the upper check dams in a controlled manner to provide additional water to the area where the crews were now working. The plan was initiated and the dams were manually breached one at a time from the lower end to allow the water to flow through and equalize. The released water provided enough flow to successfully flush the slurry and stained areas of the creek banks downstream to the lower containment sites. By 1600 hrs., the water level throughout the impacted segment had been lowered and equalized. The breached check dams were then re-established. Vac crews at the upper end were then repositioned downstream to the middle and lower pump sites to continue the removal work.

1630 hrs. - The upper half of the stream segment now appeared free of slurry deposition. The OSC concluded at that point that the removal operation was re-established for the day and he then discussed the work plan with Wood. The removal at the middle and lower section would continue around the clock with the full compliment of vac crews. No further rain was being forecast and removal of the slurry in the field was expected to be finished the following day. The OSC advised that he would return the next day to oversee the setup of removal operations at the upper pool. After completing discussions with Wood, the OSC inspected the final containment dam constructed downstream. The dam appeared adequate and was containing the additional water from the rain event, but a slight turbidity was now visible below the dam. After inspecting the containment, the OSC concluded the response and departed the scene.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/04/2010

Phone Followup: NO

0700 hrs. - The OSC departed his residence and travelled back to the site. While enroute, the OSC was contacted by Kelly Capuzzi - SEDO - DSW requesting that the OSC collect some additional samples of the slurry from the field. The OSC advised that he had the proper equipment with him to collect the samples and would proceed with the sampling once on scene.

0900 hrs. - The OSC arrived on scene where he met with Wood at the field location. All but a 30 - 40 ft. section of ditchline near the east end of the field had been excavated and the removal work there was nearing completion. Wood advised that plans were being made to position vac trucks at the end of the field near the creek and along S.R. 148 to begin removal of slurry from the pool later that morning. Work on the middle and lower section was ongoing and proceeding satisfactorily.

0930 hrs. - After being briefed by Wood, the OSC collected 4 - 1 quart jars of the slurry from the ditchline. Once collected, the samples were documented and secured (locked) in the OSC's vehicle. After collecting the samples, the OSC walked the impacted segment of creek. As stated by Wood, work on the middle and lower section was proceeding satisfactorily and draw down of the pools were again significant. After inspecting the stream segment, the OSC discussed removing the two lower check dams with Wood so that water (now needed to complete the lower end flushing) would flow unimpeded to the work area. Wood complied and personnel were summoned to begin removing the dams. The two upper most dams (next the downstream end of the pool) were to remain in place while removal work proceeded there.

1100 hrs. Removal of the two check dams commenced. The water flow was again controlled by partially breaching the lower dam first and allowing the water to equalize. Once a good flow of water was established, a prepositioned crew of workers started manually working the breached sections with shovels and brooms to agitate and suspend the slurry as it moved downstream.

1330 hrs. The dam removal and work on the middle section was completed. Removal efforts were now confined to the lower 150 - 200 yards and the upper pool near the field. All straw dams and the final containment were to remain in place while the removal of the remaining segments proceeded.

1400 hrs. - Once the lower area was re-established for the day, the OSC returned to the upper end to inspect the setup there. Two vac trucks were now positioned along S.R. 148 and removal of slurry from the pool had begun. The OSC was advised that two additional trucks were to be set up in the field later that day. Finding the operation now re-established, the OSC discussed remaining actions with Wood and Denver Blackstone - AEC employee assigned to the cleanup oversight. Given the reduced size of the remaining removal areas, the OSC concurred that some of the vac crews could now be released from the site. Once the trucks and equipment had cleared, reclamation of the access road could begin.

1430 hrs. - After discussing remaining actions and expectations with Wood and Blackstone, the OSC advised that he would not be on scene the following day and requested that Blackstone call the OSC the following afternoon with a status update. The OSC then departed the site for the day.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/05/2010

Phone Followup: NO

0730 hrs. - The OSC relinquished custody of the slurry samples to Joann Montgomery - SEDO - DSW.

0800 hrs. The OSC briefed SEDO management on the removal actions and status.

0830 hrs. - DOIR Report initiated.

1300 hrs. - The OSC received word from Blackstone that the removal was progressing satisfactorily. Around the clock operations were continuing at the upper pool and at the lower segment. The OSC advised that he would return to the site the following day to inspect the progress.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/06/2010

Phone Followup: NO

0715 hrs. - The OSC departed his residence and travelled back to the site. Upon arrival at 0915 hrs., the OSC met with Denver Blackstone and walked the affected creek segment. All but the lower end (200 yard stretch) and the upper end pool now appeared free of slurry. Presently, three vac crews were on scene. Two at the upper pool and one at the lower containment site just above the bridge. Removal of the slurry was ongoing around the clock. After inspecting the area, the OSC discussed remaining removal actions with Blackstone. The current method of removal for the upper end pool was to continue. The OSC suggested that workers continue agitating and flushing the lower section repeatedly each day to move the remaining slurry to the collection site. Blackstone advised that he would make arrangements for a crew to walk the lower end at least twice a day to expedite the removal there. After completing the discussions with Blackstone, the OSC spent the remainder of the time on scene briefing contractor personnel on removal methods and expectations.

1215 hrs. - The OSC was contacted by Dan Shawn - with the U.S. Office of Surface Mining about the release and removal status.

1230 hrs. - The OSC concluded the response and departed the site for the day.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/07/2010

Phone Followup: NO

1415 hrs. - The OSC received a status update from Blackstone. Workers were repeatedly agitating the lower segment to move the remaining slurry towards the pump sites. At the upper pool, 2-3 vac trucks and crews were working 24/7 on removal there. Blackstone advised that significant progress was being made at both ends. The OSC informed Blackstone that he would return to the site the following day to assess the work progress.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/08/2010

Phone Followup: NO

1000 Hrs. - The OSC departed Chesterhill, Ohio and travelled to the site. Upon arrival at 1115 hrs., the OSC met with Wood and Blackstone and inspected the creek. The crews were continuing work at the upper pool and the edges were now free of slurry. Work was now being concentrated on the deeper center area. Barring any unforeseen complications, the removal there was expected to be finished in another day or two. After inspecting the pool, the OSC walked the creek down to the final containment. A good definition of creek bottom was now visible down to the final 100 yards. From there to the final containment, intermittent pockets of slurry still existed. After inspecting the creek, the OSC discussed remaining actions with Wood and Blackstone. The ongoing work force and actions were to proceed until all of the obtainable slurry was removed.

1300 hrs. - John Puterbaugh-ODNR Mine Inspector arrived on scene and he and the OSC discussed the removal progress. Reclamation of the field and access road was well underway and should be completed early the following week. The OSC briefed Puterbaugh on the creek removal status and remaining needed actions.

1330 hrs. - After completing discussions with Puterbaugh, the OSC concluded the response for the day and departed the scene.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/12/2010

Phone Followup: NO

0945 hrs. - The OSC departed the Southeast Dist. Office and travelled back to the site. Upon arrival at 1200 hrs., the OSC met with Wood and Backstone and inspected the creek. All but a couple of isolated spots in the upper pool were now free of slurry deposition. At the lower end just above the final containment, 2 -3 small areas of slurry deposition also remained. The OSC pointed out the locations to Wood who advised that work would now be concentrated on the remaining pockets. All of the reclamation work in the field had been completed and work on the access road was now about 75 % complete. The final containment dams were all in place and secure. Three vac trucks and crews were presently on scene and the water level was now significantly down again due to drawdown and lack of rainfall. After concluding the inspection, Wood advised that removal efforts would continue on the remaining spots and he would notify the OSC when the removal appeared complete.

1330 hrs. - The OSC concluded the response for the day and departed the site.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/19/2010

Phone Followup: NO

After receiving word from Wood on the 18th. that the removal now appeared complete, the OSC returned to the site to inspect the stream. Upon arrival at 0900 hrs., the OSC met with Blackstone and inspected the creek. All of the impacted segment now appeared free of any slurry deposition and a clear definition of the bottom was visible throughout the entire segment. Given the findings, the OSC gave Blackstone the go ahead to remove all of the containment dams except for the last gravel dam. No further vaccing of the creek appeared productive at that point and the OSC instructed that work cease for a period of time to allow the water to clear. The stream was to be routinely monitored and if any remaining slurry deposition was discovered, a vac truck was to be summoned to remove it. The OSC advised that he would return to the site after a rain event to conduct a final inspection.

1130 hrs. - The OSC concluded the response and departed the site. While in return route, the OSC stopped at the ODNR - DMRM Office in Cambridge to brief Kosek and Puterbaugh on the status.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

Activity Date: 10/27/2010

Phone Followup: NO

The OSC received word from Wood that a significant rain event had occurred the previous day and it had partially breached the final containment dam. The entire segment was now clear and no visible turbidity existed. The OSC advised that he would return to the site in a couple of days to conduct a final inspection. Later that day, the OSC was informed that Kosek and Puterbaugh were on scene inspecting the area. The creek now looked clear and no slurry deposition was detected. Kosek and Puterbaugh gave Wood the go ahead to dismantle the partially breached final containment dam.

Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1756 - DEEVERS, DENNIS

Status: CONTINUING

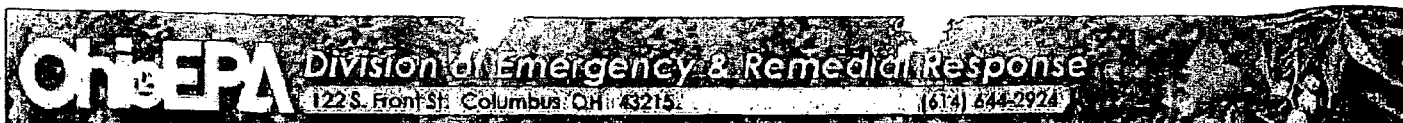
Activity Date: 10/29/2010

Phone Followup: NO

0815 Hrs. - The OSC accompanied by Abbot Stevenson departed the Southeast Dist Office and travelled to the site. Upon arrival at 1030 hrs., the OSC and Stevenson inspected the lower section of the creek and conducted turbidity field tests on the water. Good clear definition of the stream bottom was observed throughout the entire impacted segment and no slurry deposition remained. All containment structures had been removed and the reclamation work on the access road had been completed. Upon conclusion of the inspection, the OSC decided that the removal work now appeared complete and no further oversight by Ohio EPA Emergency Response appeared necessary.

1130 hrs. - The OSC and Stevenson concluded the inspection and departed the site. Upon returning to SEDO, the OSC briefed management on the findings and status. Ohio EPA Emergency Response involvement was considered complete at that point and the incident was referred to SEDO- DSW for any additional followup actions.

1530 hrs. - The OSC called Wood and briefed him on the findings and status.



Emergency Response Section - District Office Investigation Report (DOIR)

Spill Id Number: 1010-07-2744

OSC: 1752 - DALTON, MIKE

Status: FINAL

Activity Date: 11/05/2010

Phone Followup: NO

Sample results of the slurry collected on 10/04/10 by the OSC were received at SEDO.

11/12/10 - DOIR report completed.

DES Results by Sample Number

Sample No.	External Id	Sample Date	Station Id	Location	Collector	Collection Type	Matrix	Sample Type	Field Qc	CAS No.	Parameter	Result	Qualifier	Units	RL	MFL	Lab Comments	Field Comments
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000100-41-4	Ethylbenzene	4	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000108-38-3	Benzene, 1,3-dimethyl-	8	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000096-82-6	Benzene, (1-methyl-ethyl)-	5	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000103-65-1	Benzene, propyl-	4	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000611-14-5	Benzene, 1-ethyl-2-methyl-	4	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000526-75-8	Benzene, 1,2,3-trimethyl-	4	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000629-50-5	Tridecane	4	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000091-57-4	Naphthalene, 2-methyl-	10	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000039-27-3	Naphthalene, 2-ethyl-	3	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000581-43-0	Naphthalene, 2,6-dimethyl-	5	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000582-18-1	Naphthalene, 2,7-dimethyl-	7	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000581-40-8	Naphthalene, 2,3-dimethyl-	5	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000629-26-5	Naphthalene, 2,3,6-trimethyl-	3	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		001821-70-6	Periadecane, 2,6,10,14-tetramethyl-	7	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000112-40-3	Octadecane	5	NJ	mg/kg				Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000206-96-8	Acenaphthylene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000085-32-9	Acenaphthene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000096-86-2	Acetophenone	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000053-90-3	2-Acetylnaphthalene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000082-53-3	Aniline	<4.1		mg/kg	4	2		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000120-12-7	Anthracene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000096-84-3	Benzo(a)anthracene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000060-32-8	Benzo(a)pyrene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000206-99-2	Benzo(b)fluoranthene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000191-24-2	Benzo(g,h,i)perylene	<0.52		mg/kg	0	0		Slurry
68421		10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	0	SED	LITIGATION		000207-08-9	Benzo(k)fluoranthene	<0.52		mg/kg	0	0		Slurry

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58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000100-51-6	Benzyl alcohol	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000111-91-1	Bis(2-Chloroethoxy)methane	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000111-44-4	Bis(2-Chloroethoxy)ether	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000108-60-1	Bis(2-Chloroacetoxy)ether	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000117-81-7	Bis(2-Ethylhexyl)phthalate	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000101-55-3	4-Bromophenyl phenylether	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000065-68-7	Buthylbenzylphthalate	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000059-50-7	4-Chloro-3-methylphenol	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000091-58-7	2-Chloronaphthalene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000095-57-8	2-Chlorophenol	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	007005-72-3	4-Chlorophenyl phenylether	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000218-01-9	Chrysene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000084-74-2	Di-n-butylphthalate	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000117-84-0	Di-n-octylphthalate	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000053-70-3	Dibenz[a,h]anthracene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000132-84-9	Dibenzofuran	3.54		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000541-73-1	1,3-Dichlorobenzene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000100-46-7	1,4-Dichlorobenzene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000069-50-1	1,2-Dichlorobenzene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000091-84-1	3,3'-Dichlorobenzidine	<4.1		mg/kg	4	2		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000087-68-0	2,6-Dichlorophenol	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000120-83-2	2,4-Dichlorophenol	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000084-68-2	Diethylphthalate	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000060-11-7	p-Dimethylaminodibenzene	<0.82		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000067-97-8	7,12-Dimethylbenz[a]anthracene	<4.1		mg/kg	4	2		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000105-67-9	2,4-Dimethylphenol	1.14		mg/kg	0	0		Slurry
58421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000131-11-3	Dimethylphthalate	<0.82		mg/kg	0	0		Slurry

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58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000534-52-1	4,5-Dinitro-2-methylphenol	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000089-65-0	1,3-Dinitrobenzene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000051-28-5	2,4-Dinitrophenol	<4.1	mg/kg	4	2	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000108-06-8	2-Picoline	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	023950-58-5	Pronamide	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000129-00-0	Pyrene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000094-68-7	Salicyl	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000086-94-3	1,2,4,6-Tetrachlorobenzene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000058-90-2	2,3,4,6-Tetrachlorophenol	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000120-62-1	1,2,4-Trichlorobenzene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000088-08-7	2,4,5-Trichlorophenol	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000085-60-4	2,4,6-Trichlorophenol	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	P71018	% Solids	48.0	%			Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000608-20-2	2,6-Dinitrotoluene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000121-14-2	2,4-Dinitrotoluene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000088-65-7	Dinoseb	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000122-39-4	Diphenylamine	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000082-60-0	Ethyl methanesulfonate	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000208-44-0	Fluoranthene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000086-73-7	Fluorene	1.58	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000115-74-1	Hexachlorobenzene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000087-68-3	Hexachlorobutadiene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000077-47-4	Hexachlorocyclopentadiene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000087-72-1	Hexachloroethane	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	001885-71-7	Hexachlorocyclopentene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000189-58-5	Indand (1,2,3-cu)pyrene	<0.82	mg/kg	0	0	Slurry
58421	10/4/2010	C02S37	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000078-58-1	Isophorone	<0.82	mg/kg	0	0	Slurry

DES Results by Sample Number

68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000058-27-3	Methyl methacrylate	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000058-49-5	3-Methylphenol	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000061-57-6	2-Methylnaphthalene	20.1		mg/kg	1	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000106-14-6	3,4-Methylphenol	0.83		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000065-10-7	2-Methylphenol	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000024-19-3	N-Nitroso-d-n- butylamine	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000021-64-7	N-Nitroso-d-n- propylamine	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000059-69-2	N-Nitrosomorpholine	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000100-75-4	N-Nitrosopiperidine	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000000-65-2	N-Nitrosopyrrolidine	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000091-20-3	Naphthalene	15.0		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000130-15-4	1,4-Naphthoquinone	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000068-74-4	2-Nitroaniline	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000100-01-0	4-Nitroaniline	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000098-95-3	Nitrobenzene	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000100-02-7	4-Nitrophenol	<4.1		mg/kg	4	2		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000046-75-5	2-Nitrophenol	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000068-63-5	Pentachlorobenzene	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000067-66-5	Pentachlorophenol	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000062-44-2	Phenacetin	<0.52		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000095-01-9	Phenanthrene	4.64		mg/kg	0	0		Starry
68421	10/4/2010	C02537	CAPTINA CREEK DST. CASEY RUN @ ST. RT. 148	DEAVERS, DENNIS	G	SED	LITIGATION	000108-95-2	Phenol	<0.52		mg/kg	0	0		Starry